

Construction Industry Council

Committee on Environment

Meeting No. 003/17 of the Committee on Environment (Com-ENV) for 2017 was held on 14 Nov 2017 (Tuesday) at 2:30pm at Construction Industry Council ZCB Multi-Purpose Hall, 8 Sheung Yuet Road, Kowloon Bay, Kowloon, Hong Kong

Summary Notes of the Com-ENV Meeting No. 003/17

Agenda Item	Paper	Major Resolutions/ Progress Highlights
3.1	CIC/ENV/R/002/17 (for discussion)	Confirmation of the Progress Report of the Previous Meeting Members took note of and confirmed the Progress Report of the previous meeting held on 23 May 2017.
3.2	CIC/ENV/R/002/17 (for discussion)	Matters Arising from the Previous Meeting Item 2.2a – Regarding the research project “Feasibility of Delivering High-rise Low Carbon Buildings in Hong Kong”, CIC Secretariat reported that publication of the research project was scheduled in the final quarter of 2017, CIC Secretariat would make clear statement in the report and remind readers to seek appropriate independent advice whenever applicable. Members took note of the status update. Item 2.2b – Regarding the 12 previously funded research projects related to Environment and Sustainability, CIC Secretariat updated the status and date of presentation of the funded projects. Members of Com-ENV took note of the updated list accordingly. Item 2.2c – Regarding the update of the McKinsey Interim Report follow up, CIC Secretariat updated the status and members took note of the update.

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		<p>Item 2.3 – Regarding the “Survey on the Potential Utilisation of Prefabrication Yards in Hong Kong – Survey Report”, CIC Secretariat reported that the research report had been published in August 2017. Member of Com-ENV were informed that the infographic of the survey report was under preparation and would be circulated with members in the forthcoming stage.</p> <p>CIC Secretariat briefed that “Consultancy Services of Potential Services of Prefabrication Yards and Prefabrication Component in Hong Kong” had been awarded to Ove Arup & Partners Hong Kong Limited in August 2017. The award tender has been approved by Tender Assignment Panel held on 17 August 2017.</p> <p>The details of the consultancy services were reported under Agenda item 3.3.</p> <p>Item 2.4 – Regarding the Task Force on Strategy for Management and Reduction of Construction & Demolition (C&D) Waste in Hong Kong (TF-MRW) and its Consultancy Services, CIC Secretariat reported that a seminar would be organised by CIC and conducted on 22 November 2017 to further disseminate recommendations and way forward of C&D waste management regarding the report findings.</p> <p>Item 2.5 – Regarding the CIC Breakfast Roundtable Meeting, CIC Secretariat reported that list of suggestions for the meeting had been categorised and prioritised, some of the items were put in the business plan of Com-ENV. Members of Com-ENV took note to the status update.</p> <p>Item 2.6 – Regarding the the Development of Precast BFRP Grid-Reinforced Geopolymer Sandwich Wall Panel for Green Building Construction, Members of Com-ENV were reported that CIC Secretariat liaised with Buildings Department and Hong Kong Poly Universality (PolyU) to</p>

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		<p>discuss the test items for BFRP materials. Poly U would proceed fire proof tests in China and the test result would be proposed to members in early 2018.</p>
3.3	<p>CIC/ENV/P/010/17 (for discussion) PowerPoint Presentation</p>	<p>Progress Update of Consultancy Services of Potential Utilisation of Prefabrication Yards and Prefabricated Components in Hong Kong Members of the Com-ENV were briefed about the background and purpose of captioned consultancy service in the draft reception report. CIC Secretariat reported that the consultancy project commenced from August 2017 and target for completion in April 2018.</p> <p>The Ove Arup & Partners Hong Kong Ltd (Arup) presented the captioned consultancy services. Members of Com-ENV raised a few concerns regarding the methodology and master programme in the Inception Report. After much deliberation, Com-ENV Members has suggested that the inception report should take into account the existing practices in public and private sectors, and also explore the long term strategy towards potential limitation on labour shortage, logistic, technology and land use. CIC Secretariat will follow up with Arup on the comments and revise the Inception Report accordingly.</p>
3.4	<p>(Powerpoint Presentation)</p>	<p>Investigation on the Thermal and Power Performance of Vacuum Solar PV Curtain Wall Technology and its Application Potential in Buildings in Hong Kong The Hong Kong Polytechnic University (PolyU) presented the captioned research project. The research project commenced from October 2016 and is targeted for completion in December 2017. PolyU presented the project background, project innovations, project aims, status update, and deliverables in future work.</p> <p>Members of Com-ENV encouraged PolyU to touch base with Buildings Department to ensure that the research findings meet the local statutory requirements of residential buildings. PolyU will</p>

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		mention the possible use of building types (such as commercial buildings) and cost effectiveness of end products in the final report. Members of Com-ENV took note to the status update.
3.5	CIC/ENV/P/011/17 (for information)	Progress Update of Consultancy Studies on Improving Environmental Performance of the Hong Kong Construction Industry CIC had commissioned Pricewaterhouse Coppers Advisory Services HK Ltd. (PwC) to conduct the captioned consultancy services of which commenced from September 2017 and targeted for completion in 18 months. CIC Secretariat has reported the project background, project objectives and expected deliverables of this consultancy studies. Members of Com-ENV took note of the captioned status update.
3.6	CIC/ENV/P/012/17 (for discussion)	Progress Update of the Trial Tests Using Manufactured Sand as River Sand Substitutes CIC Secretariat has reported the performance of the trial tests and feedback form users in CIC Kai Fuk Road Training Ground, Architectural Services Department maintenance projects and Hong Kong Housing Authority housing development projects. An experience sharing seminar was scheduled on 5 December 2017 to further disseminate the use of river sand substitutes and encourage expansion of supply chain. Regarding the characteristic of this material, Members of Com-ENV suggested that messages should be clearly delivered to the industry practitioners for applicable trade on using manufactured sand.
3.7	CIC/ENV/P/013/17 (for information)	Progress Update of CIC Sustainable Construction Award Members of the Com-ENV were briefed about the award categories, judging criteria and important events of CIC Sustainable Construction Award. Members of Com-ENV endorsed the proposal of CIC Sustainable Construction Award.

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3.8	(Powerpoint Presentation)	Update from HKGBC Hong Kong Green Building Council (HKGBC) briefed Members of Com-ENV the status update of “Guidebook on Urban Microclimate Study”. Members of Com-ENV suggested that HKGBC should further negotiate with industry stakeholders to fine-tune the guidebook. HKGBC incorporated the list of recommendations from Members and the revised version would be available in January 2018 Members of Com-ENV took note of the progress updates from HKGBC.
3.9	CIC/ENV/P/014/17 (for discussion)	Progress Update of Work Plan and Budget 2018 Members of Com-ENV were informed that the Com-ENV work plan and budget for 2018 had been revised and approved by the Committee on Administration and Finance (Com-ANF) on 11 Aug 2017. CIC Secretariat also reported that new initiatives from the sustainability work plan would be prioritised and implemented phase by phase. Members of Com-ENV took note and endorse revised Work Plan for Year 2018.
3.10	CIC/ENV/P/015/17 (for information)	Tentative Meeting Schedule for Year 2018 Members noted the tentative meeting schedule for year 2018.
3.11		Any Other Business Members of Com-ENV raised concerns regarding the roadmap on using GPS for disposal of construction and demolition waste, CIC Secretariat would invite Environmental Protection Department to update the progress of latest government policy on the captioned issue.

Remarks: The mentioned papers discussed at the Committee on Environment and the full progress report can be made available to Council Members from the CIC Secretariat upon request.